

Amend claim as follows:

--6. (amended) A method according to claim 1, comprising at least one step d) wherein at least one building block is replaced by a group of building block.--

Amend claim as follows:

--7. (amended) A method according to claim 1, wherein the test sequences comprise from 3 to 20 building blocks.--

Amend claim as follows:

--8. (amended) A method according to claim 1, wherein the library of test sequences of step a) comprises from 500 to 10,000 test sequences.--

Amend claim as follows:

--9. (amended) A method according to claim 1, wherein the receptor is chosen from the group consisting of monoclonal antibodies, proteins, such as enzymes, cells, hormone receptors and micro-organisms.--

Amend claim as follows:

--10. (amended) A method according to claim 1, wherein the activity is determined using an immuno assay, BIACORE or AFM.--